

**In the Specification:**

Please replace the paragraph beginning at line 3 on page 5 with the following paragraph:

--More recently, a possibility of sequential analysis without any vector solution analysis by CSIA (carrier-less sequential injection analysis or analysis by sequential injection without any carrier) has been suggested. CSIA analysis, for example described in the referenced document [2], includes the advantages of SIA analysis, including the small number of technological components, and avoids the potential drawbacks of the use of a vector fluid which are i.e. among other things a high volume of analytical effluents related to the multiplication factor between the volumes of reagents and of vector solution.--

Please replace the paragraph beginning at line 11 on page 12 with the following paragraph:

-- As illustrated in Fig. 4a for example, the present invention relates to a system for analyzing a liquid sample comprising a reaction loop 42, which consists of a transparent pipe, for example a transparent capillary or a microfluidic channel, between this sample entered at E and at least one reagent. With a push-syringe 43, the outlet of which is connected to the reaction loop 42, it is possible to deliver doses of said at least one reagent into the reaction loop. A T-shaped branch 44 allows the sample and the reagent(s) to be introduced into the reaction loop 42. Illumination means 45, for example a light emitting diode, allow the reaction loop 42 to be illuminated, so that the detection means 41, for example a diode array, may record levels of light transmitted through said loop after filtering, these levels being representative of the characteristics of the sample, revealed by the mixture of the latter with the reagent(s). --

Please replace the paragraph beginning at line 30 on page 13 with the following paragraph:

-- The diode array 41 is illuminated by a light-emitting diode 45, not shown in Figs. 4a and 4b. A filter, not shown, allows the blue shade of BBT in a more basic medium to be clearly distinguished from its yellow shade in a more acid medium.--

Please replace the paragraph beginning at line 31 on page 16 with the following paragraph:

-- The hydrazine sample is introduced through a peristaltic pump 60 with a flow rate of 100  $\mu\text{L}\cdot\text{min}^{-1}$ . A valve 61 is required for isolating the portion upstream from the latter 61 from the T-shaped branch 67, connected to the push-syringe 63 on the one hand, and to the capillary 66 on the other hand. Indeed, in the absence of such a valve 60, upon introducing reagents, the flexible pipes 62 may expand under the sudden pressure surges delivered by the push-syringe 63. This effect would be expressed by a not so good reproducibility of the measurements for time intervals longer than one day. The detector is a point sensor, consisting of two optical fibers 64 and 65 facing each other through the capillary 66, connected to a spectrophotometer and to a light source 68. The reagent is a DMAB solution of about 0.1 M in 0.5 M nitric acid.--